

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/528,000
Source: P4/10
Date Processed by STIC: 3/29/05

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PCT

RAW SEQUENCE LISTING

DATE: 03/29/2005

PATENT APPLICATION: US/10/528,000

TIME: 15:28:59

Input Set : A:\Q86432 sequence listing.txt

Output Set: N:\CRF4\03292005\J528000.raw

3 <110> APPLICANT: KIZAKI, Noriyuki
 4 NISHIYAMA, Tozo
 5 YASOHARA, Yoshihiko
 7 <120> TITLE OF INVENTION: NOVEL CARBONYL REDUCTASE, GENE THEREFOR AND METHOD OF USING
 THE
 8 SAME
 10 <130> FILE REFERENCE: Q86432
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/528,000
 13 <141> CURRENT FILING DATE: 2005-03-21
 15 <150> PRIOR APPLICATION NUMBER: PCT/JP03/011957
 16 <151> PRIOR FILING DATE: 2003-09-18
 18 <150> PRIOR APPLICATION NUMBER: Japan 2002-272976
 19 <151> PRIOR FILING DATE: 2002-09-19
 21 <160> NUMBER OF SEQ ID NOS: 2
 23 <170> SOFTWARE: PatentIn version 3.3
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 250
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Protein from Devosia riboflavina
 30 <400> SEQUENCE: 1
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 33 1 5 10 15
 36 Ser Gly Ile Gly Glu Ala Val Val Lys Gln Leu Ala Ala Arg Gly Ala
 37 20 25 30
 40 Lys Val Val Val Ala Asp Leu Lys Leu Glu Gly Ala Gln Ala Val Ala
 41 35 40 45
 44 Asp Ala Val Lys Ala Ala Gly Gly Glu Ala Ala Ala Val Ala Val Asp
 45 50 55 60
 48 Val Ala Lys Ala Asp Gln Val Glu Lys Ala Val Gln Phe Ala Val Asp
 49 65 70 75 80
 52 Thr Phe Gly Ala Leu His Leu Ala Val Asn Asn Ala Gly Ile Gly Gly
 53 85 90 95
 56 Ala Ser Ala Pro Leu Gly Asp Tyr Ser Phe Asp Asp Trp His Arg Val
 57 100 105 110
 60 Ile Asp Val Asn Leu Asn Ser Val Phe Tyr Ser Met Lys Tyr Glu Ile
 61 115 120 125
 64 Val Ala Met Leu Arg Ala Gly Gly Gly Ala Ile Val Asn Met Ala Ser
 65 130 135 140
 68 Ile Leu Gly Ser Val Thr Phe Pro Asn Ala Pro Ala Tyr Val Thr Ala
 69 145 150 155 160
 72 Lys His Gly Val Val Gly Met Thr Lys Ser Ala Ala Val Asp Tyr Ala
 73 165 170 175
 76 Lys Lys Gly Ile Arg Val Thr Ala Val Gly Pro Gly Phe Ile Asp Thr
 77 180 185 190

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80 Pro Leu Leu Ser Ala Leu Pro Lys Glu Thr Leu Asp Tyr Leu Lys Ser
 81 195 200 205
 84 Val His Pro Ile Gly Arg Leu Gly Thr Ser Asp Glu Val Ala Ala Leu
 85 210 215 220
 88 Thr Ala Phe Leu Leu Ser Asp Ala Ala Ser Asn Ile Thr Gly Ser Tyr
 89 225 230 235 240
 92 His Leu Val Asp Gly Gly Tyr Val Ala Gln
 93 245 250

96 <210> SEQ ID NO: 2

97 <211> LENGTH: 753

98 <212> TYPE: DNA

99 <213> ORGANISM: Polynucleotide from Devosia riboflavina

101 <400> SEQUENCE: 2

102 atgtcccagg atttttcagg caaggtcgca ttcgtaacgg gtggtgcctc gggcatcggt 60
 104 gaggcggtcg tcaagcagct tgccgcgcgc ggcgccaagg ttgtggttgc cgatctcaag 120
 106 ctggaaggcg cgcaggcggt tgccgatgcc gtcaaggccg ccggcggcga agcggccgcg 180
 108 gtagctgtcg atgtcgccaa gcccgatcag gtggagaagg ctgtccagtt cgccgtcgac 240
 110 acctttggcg ccctgcatct ggcgggtcaat aatgccggca ttggcggcgc ttccgctccc 300
 112 ctcggcgatt attccttcga cgactggcat agggttatcg acgtcaatct caattccgtc 360
 114 ttctattcga tgaagtacga gatcgtcgcc atgctcaggg caggcggtgg cgccatcgtc 420
 116 aacatggcct ccatcctcgg ctcggtgacc tttcccaatg caccggccta tgtcaccgcc 480
 118 aagcacggcg tggtcggcat gaccaagtcg gccgcggtgg actatgccaa aaagggcatt 540
 120 cgcgtcacgg ccgtcggggc cggtttcatc gacacgccgc tcctatccgc cttgcccaag 600
 122 gaaaccctgg actacctcaa atccgtccat ccgatcggac ggctgggtac ctcggatgaa 660
 124 gtcgcagcgc tgaccgcgtt cctgctctcc gatgcagcgt cgaacatcac cggtcctat 720
 126 cacctggtcg atggcggcta cgtcgcccaa tag 753

VERIFICATION SUMMARY

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number